

I Claim:

1. A device for leading and holding electrical lines in a swivel region of doors, comprising:

first and second tubular portions each having a respective sleeve region with a cylindrical cross-section and shaped in the form of a crank, said sleeve regions being joined together to rotate against one another.

2. The device according to claim 1, wherein said sleeve region of said first portion surrounds a substantial part of said sleeve region of said second portion.

3. The device according to claim 1, wherein:

the door has a pivot axis;

said sleeve regions define a rotation axis; and

said rotation axis coincides with the pivot axis of the door.

4. The device according to claim 1, further comprising elements preventing axial shifting of said sleeve region of said first portion disposed at said sleeve region of said second portion.

5. The device according to claim 1, further comprising at least one axial stopping element disposed at said sleeve region of said second portion and preventing an axial shift of said sleeve region of said first portion.

6. The device according to claim 1, further comprising elements preventing axial shifting of said sleeve region of said second portion disposed at said sleeve region of said first portion.

7. The device according to claim 1, wherein:

said first and second portions have a lead-through region; and

said sleeve region of said first portion has an interior and said sleeve region has a step within said interior keeping said lead-through region through said first and second portions substantially free of diameter changes.

8. The device according to claim 1, wherein said first and second portions are household appliance door swivel devices for fastening in a household appliance.

9. The device according to claim 8, wherein the appliance is selected from the group consisting of dishwashers and washing machines.

10. The device according to claim 1, wherein said first and second portions are shell-shaped components.

11.. The device according to claim 10, wherein said shell-shaped components are joined by an integral hinge.

12. A device for leading and holding electrical lines in a swivel region of doors, comprising:

first and second tubular portions each having a respective sleeve region with a cylindrical cross-section and shaped in the form of a crank, said sleeve regions being joined together rotatably and rotating with respect to one another.

13. The device according to claim 12, wherein said sleeve region of said first portion surrounds a substantial part of said sleeve region of said second portion.

14. The device according to claim 12, wherein:

the door has a pivot axis;

said sleeve regions define a rotation axis; and

said rotation axis coincides with the pivot axis of the door.

15. The device according to claim 12, further comprising elements preventing axial shifting of said sleeve region of said first portion disposed at said sleeve region of said second portion.

16. The device according to claim 12, further comprising at least one axial stopping element disposed at said sleeve region of said second portion and preventing an axial shift of said sleeve region of said first portion.

17. The device according to claim 12, further comprising elements preventing axial shifting of said sleeve region of said second portion disposed at said sleeve region of said first portion.

18. The device according to claim 12, wherein:

    said first and second portions have a lead-through region; and  
    said sleeve region of said first portion has an interior and  
    said sleeve region has a step within said interior keeping  
    said lead-through region through said first and second  
    portions substantially free of diameter changes.

19. The device according to claim 12, wherein said first and second portions are household appliance door swivel devices for fastening in a household appliance.

20. The device according to claim 19, wherein the appliance is selected from the group consisting of dishwashers and washing machines.

21. The device according to claim 12, wherein said first and second portions are shell-shaped components.

22. The device according to claim 21, wherein said shell-shaped components are joined by an integral hinge.

23. A device for leading and holding electrical lines in a swivel region of a household appliance door having a pivot axis, comprising:

first and second tubular portions each having a respective sleeve region with a cylindrical cross-section and shaped in the form of a crank, said sleeve regions:

defining a rotation axis coinciding with the pivot axis of the door; and

being joined together rotatably and rotating with respect to one another; and

at least one of said first and second tubular portions having at least one axial stopping element preventing an axial shift of said sleeve regions with respect to one another.